

## INTERNATIONAL SEARCH REPORT

International Application No  
T/IT2004/000182A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 F17C1/16 B29D22/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C02F B65D E03B E03F B29D B01J F16J F17C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, COMPENDEX

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2003/111473 A1 (CARTER THOMAS G ET AL) 19 June 2003 (2003-06-19) paragraphs '0020! - '0032!; figures 1-4	1,11-13, 16-18
X	US 3 073 475 A (SOLOMON FINGERHUT) 15 January 1963 (1963-01-15) column 1, line 11 - column 4, line 67; figures 1,5,6	1,5,7, 16-19
A	US 4 614 279 A (ENSELL ROBERT G ET AL) 30 September 1986 (1986-09-30) the whole document	1-22
A	US 3 674 394 A (WILTSHIRE ARTHUR J) 4 July 1972 (1972-07-04) the whole document	1-22

☐ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

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Date of the actual completion of the international search

2 December 2004

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10/12/2004

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# INTERNATIONAL SEARCH REPORT

Information on patent family members

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 2003111473	A1	19-06-2003	CA 2464664 A1 EP 1434962 A1 WO 03031860 A1	17-04-2003 07-07-2004 17-04-2003
US 3073475	A	15-01-1963	FR 1272354 A GB 971626 A	22-09-1961 30-09-1964
US 4614279	A	30-09-1986	NONE	
US 3674394	A	04-07-1972	CA 947019 A1	14-05-1974